## AMENDMENTS TO THE SPECIFICATION

Please replace paragraph **[01]** with the following amended paragraph:

**[01]** The present invention generally relates to high voltage devices, such as x-ray tubes. In particular, embodiments of the present invention relate to improvements ~~form~~ for providing high voltage electrical connections within an x-ray tube environment.

Please replace paragraph **[42]** with the following amended paragraph:

**[042]** Reference is now made to Figures 3A and 3B. These figures show the x-ray tube 10 both before and after joining of the present connector 50 thereto. In Figure 3A, the connector 50 is shown in cross section to depict the cavity 52, which has an opening at both the connector first end 54 and second end 56. Figure 3A further shows that the cavity 52 comprises a main cavity portion 52A for receiving the second segment 12B of the evacuated enclosure 12, and a receptacle cavity portion 52B, which is sized and configured to receive a high voltage electrode 58. The receptacle cavity 52B is aligned to enable the high voltage electrode 58 to electrically connect with a receptacle 60 located at the surface of the evacuated enclosure 12. Though Figures 3A and 3B show the main cavity portion 52A being in direct communication with the receptacle cavity 52B ~~at an interface point 52C~~, in other embodiments these cavities are not in direct communication, but are separate from one another.

Please replace paragraph **[54]** with the following amended paragraph:

**[054]** Reference is now made to Figure 6. As shown, principles of both embodiments described above can be combined to electrically isolate multiple portions of the x-ray tube 10 simultaneously. In particular, Figure 6 shows a first connector ~~150~~ 50 attached to a second segment 12B of an evacuated enclosure of the x-ray tube 10, and a second connector ~~200~~ 100 attached to a first segment 12A of the evacuated enclosure. The first and second connectors ~~150~~ 50 and ~~200~~ 100 are configured in a manner similar to those of the connectors 50 and 100, respectively, that are described above. Use of the first and second connectors ~~150~~ 50 and ~~200~~ 100 enables electrical isolation of both anode and cathode-related portions of the x-ray tube 10 to be achieved. The arrangement depicted in Figure 6 is one that is useful with double-ended x-ray tubes that bias both the cathode and the anode with relatively differing high voltages.